



Commonwealth of Kentucky

**Environmental and Public Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382**

**Title V
AIR QUALITY PERMIT
Issued under 401 KAR 52:020**

Permittee Name: Period, Inc.
Mailing Address: 200 Commerce Drive
Madisonville, Kentucky 42431

Source Name: KI-Kentucky
Mailing Address: same

Source Location: same

Permit #: V-05-015
AI #: 1903
Activity ID #: APE20050001

Review Type: Title V/Synthetic Minor Renewal
Source ID #: 21-107-00141

Regional Office: Owensboro Regional Office
3032 Alvey Park Drive West
Owensboro, Kentucky 42303
(502) 687-7304

County: Hopkins

**Application
Complete Date:** February 10, 2005

Issuance Date:

Expiration Date:

**John S. Lyons, Director
Division for Air Quality**

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SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:020, Title V Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

01 (03) Finish Line #1

Description:

Stain Booth, Sealer Booth, #1 Topcoat Booth, #2 Topcoat Booth, & Offline Stain Booth
Control equipment: 90% efficient filters.
Construction date: January 2000

02 (06) Robotic UV Spray Coat Line

Description:

Giardina Duel Tech 6 spray coating line.
Control equipment: totally enclosed/water wash filtration controls particulate emissions, 90% efficiency.
Construction date: January 2000

Applicable Regulations:

401 KAR 59:010, New Process Operations, applies to each affected facility commenced on or after July 2, 1975, with respect to particulate emissions.

401 KAR 63:020, Potentially Hazardous Matter or Toxic Substances, applies to each affected facility that emits or may emit potentially hazardous matter or toxic substances.

40 CFR 63 Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations, applies to each affected facility that is engaged in the manufacture of wood furniture or wood furniture components and that is located at a plant site that is a major source as defined in 40 CFR part 63, subpart A, §63.2. **For NESHAP Requirements: See Group Requirements**

1. Operating Limitations:

The affected facilities shall be operated so as to not exceed the emission limitations set in Section B.2.

2. Emission Limitations:

- a) Pursuant to 401 KAR 59:010, particulate emissions shall not exceed 2.34 lb/hr

Compliance Demonstration Method:

Compliance with the mass emission limit is assumed when the filter system and/or water wash filtration system control the emissions of particulate matter and are operated properly, in accordance with the manufacturer's specifications and/or standard operating procedures, as approved by the Division.

- b) Pursuant to 401 KAR 59:010, opacity of visible emissions shall not equal or exceed 20% opacity.

Compliance Demonstration Method:

The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- c) Pursuant to 401 KAR 63:020, no owner or operator shall allow any affected facility to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals, and plants.

Compliance Demonstration Method:

The source is in compliance with 401 KAR 63:020, based on the emission rates of toxics given in the application submitted by the permittee. If the source alters process rates, material formulations, or any other factor that would result in an increase of toxic emissions or the addition of toxic emissions not previously evaluated by the Division, the source shall submit the appropriate application forms pursuant to 401 KAR 52:020, Section 3(1)(a), along with modeling, to show that the facility will remain in compliance with 401 KAR 63:020.

- d) See Section D and Group Requirements.

3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4.

4. Monitoring Requirements:

- a) The permittee shall inspect the operation of the particulate filters at Finish Line #1 on a daily basis.
- b) The permittee shall make a verification of the uniformity of the water across the surface of the water wash control device, at the Robotic UV Spray Coat Line, on a daily basis.
- c) See compliance demonstration method under Section B.2 (b).

5. Specific Record Keeping Requirements:

- a) The permittee shall maintain records of the following information for the spray booth particulate controls. These records shall be kept on site and made available to Division personnel upon request.
 - i. The design and/or manufacturer's specifications.
 - ii. The operational procedures and preventive maintenance records.
 - iii. The permittee shall note if the particulate controls are not in operation during any given time period.
 - iv. For the water wash control device, if the flow rate of the water is not within the manufacturer's recommended range, an inspection of the device shall be made, corrective action shall be taken, and a log of these activities shall be maintained.
 - v. With each reading or observation in Sections B.4 and B.5, note the date and the identity of the personnel making the record.
- b) See Section D and Group Requirements.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

6. Specific Reporting Requirements:

- a) The permittee shall maintain a copy of the control device inspection and repair log for those times when corrective actions are required, either due to opacity exceedances, as noted in section B.2 (b), or due to particulate control problems, as noted in section B.5 (a).
- b) See Sections F5 and F6.
- c) See Section D and Group Requirements.

7. Specific Control Equipment Operating Conditions:

- a) Finish Line #1: filters must be in place and operational according to manufacturer's specifications and recommendations.
- b) Robotic UV Spray Coat Line: the flow rate for the water wash control device shall be maintained within the manufacturer's recommended limits.
- c) See Section E.

8. Alternate Operating Scenario:

See Section H.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

03 (07) UV Roll Coat Line

Description:

Giardina G954/05 BABY Roll Coating Line, totally enclosed.

Construction date: January 2000

Applicable Regulations:

40 CFR 63 Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations, applies to each affected facility that is engaged in the manufacture of wood furniture or wood furniture components and that is located at a plant site that is a major source as defined in 40 CFR part 63, subpart A, §63.2. **For NESHAP Requirements: See Group Requirements**

401 KAR 63:020, Potentially Hazardous Matter or Toxic Substances, applies to each affected facility that emits or may emit potentially hazardous matter or toxic substances.

1. Operating Limitations:

None

2. Emission Limitations:

- a) Pursuant to 401 KAR 63:020, no owner or operator shall allow any affected facility to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals, and plants.

Compliance Demonstration Method:

The source is in compliance with 401 KAR 63:020, based on the emission rates of toxics given in the application submitted by the permittee. If the source alters process rates, material formulations, or any other factor that would result in an increase of toxic emissions or the addition of toxic emissions not previously evaluated by the Division, the source shall submit the appropriate application forms pursuant to 401 KAR 52:020, Section 3(1)(a), along with modeling, to show that the facility will remain in compliance with 401 KAR 63:020.

- b) See Section D and Group Requirements.

3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4.

4. Monitoring Requirements:

See compliance demonstration method under Section B.2 (a).

5. Specific Record Keeping Requirements:

See Section D and Group Requirements.

6. Specific Reporting Requirements:

See Section D and Group Requirements.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

7. **Specific Control Equipment Operating Conditions:**
NA

8. **Alternate Operating Scenario:**
See Section H.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Group Requirements:

01 (03) Finish Line #1

02 (06) Robotic UV Spray Coat Line

03 (07) UV Roll Coat Line

Applicable Regulations:

40 CFR 63 National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations.

1. Operating Limitations:

- a) 40 CFR 63.803(b), **OPERATOR TRAINING:** Personnel involved in finishing, gluing, cleaning, and washoff operations shall be trained in appropriate application, cleaning, and washoff procedures, equipment setup and adjustment to minimize finishing material usage and overspray, and appropriate management of cleanup wastes. New personnel shall be trained upon hiring. All personnel shall be given refresher training annually.
- b) 40 CFR 63.803(d), **WASHOFF AND CLEANING SOLVENTS:** Cleaning or washoff solvents that contain any of the pollutants listed in 40CFR 63, Subpart JJ, Table 4, in concentrations subject to MSDS reporting as required by OSHA, shall not be used. Using normally closed tanks to contain washoff and orientation of the part to drain as much solvent as possible shall further control emissions from washoff.
- c) 40 CFR 63.803(f), **SPRAY BOOTH CLEANING:** Compounds containing more than 8.0 percent VOC's by weight shall not be used for cleaning spray booth components other than conveyors, continuous coaters and their enclosures, or metal filters, unless the spray booth is being refurbished. If the spray booth is being refurbished, (the spray booth coating or other protective material used to cover the booth is being replaced) the affected source shall use no more than 1.0 gallon of organic HAP solvent per booth to prepare the surface of the booth prior to applying the booth coating.
- d) 40 CFR 63.802(b)(3), **STRIPPABLE SPRAY BOOTH COATINGS:** Shall contain no more than 0.8 lb VOC per lb solids as applied.
- e) 40 CFR 63.803(i), **LINE AND GUN CLEANING:** Normally closed containers shall be used to contain all organic HAP solvent used to clean lines and spray guns.
- f) 40 CFR 63.803(g), **STORAGE REQUIREMENTS:** Normally closed containers shall be used for storing finishing, gluing, cleaning, and washoff materials.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- g) 40 CFR 63.803 (h), **APPLICATION EQUIPMENT REQUIREMENTS:** Conventional air spray guns shall be used to apply finishing materials only under any of the following circumstances:
- i. To apply finishing materials that have a VOC content no greater than 1.0 lb VOC/lb solids, as applied;
 - ii. For touchup and repair under the following conditions:
 - a. The touchup and repair occurs after completion of the finishing operation; or
 - b. The touchup and repair occurs after the application of stain and before the application of any other type of finishing material and the material used for touchup and repair are applied from a container that has a volume of no more than 2.0 gallons.
 - iii. The conventional air gun is used to apply finishing materials and the cumulative total usage of that finishing material is no more than 5.0 percent of the total gallons of finishing material used during that semiannual period.
- h) 40 CFR 63.803 (c), **LEAK INSPECTION REQUIREMENTS:** As a minimum, all equipment used to transfer or apply coatings, adhesives, or organic HAP solvents shall be visually inspected once per month. A first attempt at repair (e.g., tightening of packing glands) shall be made no later than five calendar days after the leak is detected, and final repairs shall be made within 15 calendar days after the leak is detected, unless the leaking equipment is to be replaced by a new purchase, in which case repairs shall be completed within three months.
- i) 40 CFR 63.802 (a)(2), **ADHESIVES:** Volatile Hazardous Air Pollutant (VHAP) content of contact adhesives applied to porous substrates shall not exceed 1.0 lb VHAP/ lb. solids as applied.

2. Emission Limitations:

40 CFR 63.802(a), **EMISSION LIMITS FOR FINISH MATERIALS:** Volatile Hazardous Air Pollutant (VHAP) emissions shall not exceed 1.0 lb VHAP/ lb solids.

Compliance Demonstration Method for Uncontrolled Facilities:

The permittee is deemed to be in compliance by utilizing compliant finishing materials. Pursuant to 40 CFR 63:804(a)(2)(i), the permittee shall demonstrate that each stain, sealer, and topcoat has a VHAP content of no more than 1.0 pound/pound solid, as applied, and each thinner contains no more than 10.0 percent VHAP, by weight, by maintaining certified product data sheets for each coating and thinner.

3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with Regulation 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4.

4. Monitoring Requirements:

See Section F.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

5. Specific Record Keeping Requirements:

a) FOR THE OPERATOR TRAINING PROGRAM:

- i. A list of all current personnel by name and job description that are required to be trained;
- ii. An outline of the subjects to be covered in the initial and refresher training for each position or group of personnel;
- iii. Lesson plans for courses to be given at the initial and the annual refresher training that include, at a minimum, appropriate application techniques, appropriate cleaning and washoff procedures, appropriate equipment setup and adjustment to minimize finishing material usage and overspray, and appropriate management of cleanup wastes; and
- iv. A description of the methods to be used at the completion of initial or refresher training to demonstrate and document successful completion.

b) LEAK INSPECTION AND MAINTENANCE PLAN that specifies:

- i. A minimum visual inspection frequency of once per month for all equipment used to transfer or apply coatings, adhesives, or organic HAP solvents;
- ii. An inspection schedule;
- iii. Methods for documenting the date and results of each inspection and any repairs that were made;
- iv. The time frame between identifying the leak and making the repair, which adheres, at a minimum, to the following schedule:
 - a. First attempt at repair (e.g., tightening of packing glands) shall be made no later than five calendar days after the leak is detected; and
 - b. Final repairs shall be made within 15 calendar days after the leak is detected, unless the leaking equipment is to be replaced by a new purchase, in which case repairs shall be completed within three months.

c) CLEANING AND WASHOFF SOLVENT ACCOUNTING SYSTEM to include:

- i. The quantity and type of organic HAP solvent used each month for washoff and cleaning, as defined in 40 CFR 63.801.
- ii. The number of pieces washed off, and the reason for the washoff.
- iii. The quantity of spent solvent generated from each washoff and cleaning operation and whether it is recycled on site or disposed off site.

d) COMPLIANCE REPORT: The permittee shall maintain records demonstrating that the coatings and thinners are compliant according to Table 3 of 40CFR 63 Subpart JJ. These records shall include:

- i. A certified product data sheet for each finishing material, thinner, contact adhesive, and strippable spray booth coating subject to the emission limits in Table 3;

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- ii. The VHAP content (A list of VHAPs can be found in Table 2 of Subpart JJ), in lb VHAP/ lb solids, as applied, of each finishing material and contact adhesive subject to the emission limits in Table 3; and
 - iii. The VOC content, in lb VHAP/ lb solids, as applied, of each strippable booth coating subject to the emission limits in Table 3.
- e) **FORMULATION ASSESSMENT PLAN:** The owner/operator shall prepare and maintain a record which:
 - i. Identifies VHAP from the list in Table 5 of 40 CFR 63 Subpart JJ, that are being used in finishing operations by the affected source;
 - ii. If no VHAP from Table 5 of 40 CFR 63 Subpart JJ is used, then the record shall reflect that; otherwise
 - iii. The owner/operator should follow guidelines for the formulation assessment plan as presented in 40 CFR 63.803 (l), Formulation assessment plan for finishing operations;
 - iv. If after November 1998, an affected source uses a Volatile Hazardous Air Pollutant (VHAP) of potential concern as listed in Table 6 of 40 CFR 63 Subpart JJ, and exceeds the de minimis level, then the affected source shall provide an explanation to the permitting authority that documents the reason for exceedance of the de minimis level. If the explanation is not one of those listed in paragraphs (l)(4)(i) through (l)(4)(iv) of 40 CFR 63.803, the affected source shall follow the procedures established in paragraph (l)(5).
- 6. **Specific Reporting Requirements:** 40 CFR 63.807
 - a) 40 CFR 63.804, **COMPLIANCE CERTIFICATION** signed by a responsible official of the company that owns or operates the affected source to include:
 - i. Statement that the average VHAP emissions did not exceed 1.0 lb VHAP/ lb solids for each day in the semiannual reporting period or should otherwise identify the periods of noncompliance and the reasons for noncompliance.
 - ii. Statement that the work practice implementation plan is being followed, or should otherwise identify the provisions of the plan that have not been implemented and each day the provisions were not implemented. During any period of time that an owner or operator is required to implement the provisions of the plan, each failure to implement an obligation under the plan during any particular day is a violation.
 - iii. Statement of whether or not the affected source was in compliance, and if not, what measures were taken to bring the affected source in compliance.
 - b) These Conditions 1, 5, and 6 (Operating limitations, Record Keeping, and Reporting) are intended to convey the requirements of 40 CFR Part 63, Subpart JJ, as applicable to the affected facilities permitted herein. This does not release the owner/operator of this source from responsibility for any requirements of Subpart JJ not specifically stated in this permit.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

7. **Specific Control Equipment Operating Conditions:**
NA

8. **Alternate Operating Scenarios:**
See Section H.

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:030, Section 6. While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

<u>Description</u>	<u>Generally Applicable Regulation</u>
1. Wood Finishing (1) *	401 KAR 59:010
2. Wood Finishing (2) *	401 KAR 59:010
3. Raypac Boiler 3.0 mmBTU/hr Natural Gas	401 KAR 59:015
4. Adhesive Application	None

* See Section E

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS:

1. As required by Section 1b of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26, compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.
2. In order to preclude applicability of 401 KAR 51:017, Prevention of Significant Deterioration, VOC emissions shall be less than 225 tons for any 12-month rolling total. However, the permittee has voluntarily accepted a VOC emissions limitation of 90 tons for any 12-month rolling total.

Compliance Demonstration Method:

Compliance with the VOC emission limitations shall be demonstrated by a material balance method, consisting of record keeping of each coating, solvent, and any other VOC containing material utilized, VOC content and resulting emissions, which will be summarized on a monthly basis. The equation for monthly record keeping is as follows:

Monthly VOC Emissions = Σ [Monthly usage of each coating and any other VOC containing material, in pounds or gallons per month] x [VOC fraction] x [appropriate conversion factor (if usage is in gallons) for gallons to pounds for each VOC containing material used.

3. The permittee shall submit a **semiannual** report to the Division's Owensboro Regional Office, which shows the total amount of each VOC containing material used at the source. The report shall contain emission rates for these materials and a monthly summary of air pollutants emitted from these materials, as well as a 12-month rolling total for each pollutant. Sample calculations shall be included.
The report shall be submitted no later than thirty days after the six-month anniversary of permit issuance, and each six months thereafter. The report may also coincide with reporting required in **Section F.5** and the annual compliance certification required in **Section F.7**.
A responsible official, certifying the truth and accuracy of the information stated therein, shall sign this semiannual report.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

1. Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
2. For wood finishing operations 1 & 2, which consist of:
Finish Operation #1, controlled by DCE baghouse efficiency 99%:
Bell 100
Round End Tenon
CNC Router
Costa Sander - Finish line
Will receive dust particulates from the UV Roll Coat and Spray Coat lines

Finish Operation #2, controlled by MAC baghouse efficiency 99%:
Holzma Unique Drill
Edgebander - Brandt Hoffman Keys
Edgebander Eco Sander
Bell 100 French Dovetail
(3) Double End Tenons (2) Multi-Drills
Pin Router Timesaver Sander - 2 drum
Drill Timesaver Sander - 3 drum
Critz Sander Dovetail Machine
Fletcher Sander Table Saw
Shaper
 - a) Pressure drop at the baghouses shall be read once per operating day.
 - b) A log of pressure drop readings, which denotes the date and identity of the inspecting personnel, shall be kept. Any repairs performed or problems noted shall also be recorded.
 - c) The baghouse shall be maintained and operated in accordance with manufacturer's specifications and recommendations.
 - d) Any container receiving discharge from the baghouse collection hopper shall be enclosed in such a manner that fugitive emissions are not generated when the hopper is emptied.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b (IV) 1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a. Date, place as defined in this permit, and time of sampling or measurements;
 - b. Analyses performance dates;
 - c. Company or entity that performed analyses;
 - d. Analytical techniques or methods used;
 - e. Analyses results; and
 - f. Operating conditions during time of sampling or measurement.
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [Sections 1b(IV) 2 and 1a(8) of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
3. In accordance with the requirements of 401 KAR 52:020 Section 3(1)h the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
 - a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
 - b. To access and copy any records required by the permit;
 - c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.
Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.
4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Summary reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation [Section 1b (V)1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

6. The semi-annual reports are due by January 30th and July 30th of each year. Data from the continuous emission and opacity monitors shall be reported to the Technical Services Branch in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). A responsible official, pursuant to 401 KAR 52:020, Section 23, shall certify all reports. All deviations from permit requirements shall be clearly identified in the reports.
7. In accordance with the provisions of 401 KAR 50:055, Section 1 the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
 - a. When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 - b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall submit written notice upon request.
8. The owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Section F.7. above) to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report required by Section F.6 [Section 1b (V) 3, 4. of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
9. Pursuant to 401 KAR 52:020, Permits, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit and the U.S. EPA in accordance with the following requirements:
 - a. Identification of the term or condition;
 - b. Compliance status of each term or condition of the permit;
 - c. Whether compliance was continuous or intermittent;
 - d. The method used for determining the compliance status for the source, currently and over the reporting period.
 - e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

- f. The certification shall be postmarked by January 30th of each year. Annual compliance certifications should be mailed to the following addresses:

Division for Air Quality
Owensboro Regional Office
3032 Alvey Park Drive W., Suite 700
Florence, KY 41042

U.S. EPA Region IV
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth Street
Atlanta, GA 30303-8960

Division for Air Quality
Central Files
803 Schenkel Lane
Frankfort, KY 40601

10. In accordance with 401 KAR 52:020, Section 22, the permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KYEIS emission survey is mailed to the permittee.
11. Pursuant to Section VII (3) of the policy manual of the Division for Air Quality as referenced in 401 KAR 50:016, Section 1(1), results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days after the completion of the fieldwork.

SECTION G - GENERAL PROVISIONS(a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:020 and of the Clean Air Act and is grounds for enforcement action including but not limited to termination, revocation and reissuance, revision or denial of a permit [Section 1a, 3 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020 Section 26].
2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a, 6 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
3. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:020, Section 19. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:020, Section 12;
 - b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
 - c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;

Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

4. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or compliance with the conditions of this permit [Section 1a, 7,8 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such facts or corrected information to the permitting authority [401 KAR 52:020, Section 7(1)].

SECTION G - GENERAL PROVISIONS (CONTINUED)

6. Any condition or portion of this permit that becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a, 14 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a, 4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
8. Except for requirements identified in this permit as state-origin requirements, all terms and conditions shall be enforceable by the United States Environmental Protection Agency and citizens of the United States [Section 1a, 15 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6) [Section 1a, 10 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:020, Section 11(3)(b)].
11. This permit does not convey property rights or exclusive privileges [Section 1a, 9 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Environmental and Public Protection or any other federal, state, or local agency.
13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry [401 KAR 52:020, Section 11(3)(d)].
14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders [401 KAR 52:020, Section 11(3)(a)].
15. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic Minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.

SECTION G - GENERAL PROVISIONS (CONTINUED)

16. Pursuant to 401 KAR 52:020, Section 11, a permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of issuance. Compliance with the conditions of a permit shall be considered compliance with:
 - a. Applicable requirements that are included and specifically identified in the permit and
 - b. Non-applicable requirements expressly identified in this permit.

(b) Permit Expiration and Reapplication Requirements

1. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:020, Section 12].
2. The authority to operate shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:020 Section 8(2)].

(c) Permit Revisions

1. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:020, Section 14(2).
2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

SECTION G - GENERAL PROVISIONS (CONTINUED)

- (d) Construction, Start-Up, and Initial Compliance Demonstration Requirements
None

- (e) Acid Rain Program Requirements

If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

- (f) Emergency Provisions

1. Pursuant to 401 KAR 52:020 Section 24(1), an emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
 - a. An emergency occurred and the permittee can identify the cause of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
 - d. Pursuant to 401 KAR 52:020, 401 KAR 50:055, and KRS 224.01-400, the permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
 - e. This requirement does not relieve the source of other local, state or federal notification requirements.
2. Emergency conditions listed in General Condition (f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:020, Section 24(3)].
3. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof [401 KAR 52:020, Section 24(2)].

SECTION G - GENERAL PROVISIONS (CONTINUED)

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

RMP Reporting Center
P.O. Box 1515
Lanham-Seabrook, MD. 20703-1515

2. If requested, submit additional relevant information to the Division or the U.S. EPA.

(h) Ozone-depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVAC's) in Subpart B:
 - a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the record keeping requirements pursuant to 40 CFR 82.166.
 - e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
3. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

SECTION H - ALTERNATE OPERATING SCENARIOS

The alternate operating scenario set forth below has been approved by the Division based on information supplied with the application and during the application review process. The terms and conditions have been developed to ensure compliance with the applicable regulations. The permittee, when making a change from one operating scenario to another, shall record contemporaneously in a log at the permitted facility a record of the scenario under which the facility is operating. The permit shield, as provided in Section G, Condition (a) 15, shall extend to each alternate operating scenario set forth in this Section. All conditions not specified under an alternate operating scenario shall remain unchanged from their permit values or requirements.

Alternate Operating Scenario pertains to compliance with emission limits in Table 3 of 40 CFR 63 Subpart JJ using §63.804 method (d)(1) and is applicable to emission points 01, 02, and 03.

Applicable Regulations: §63.802(b)(1) and § 63.804 (d)(1)

Compliance Procedure:

The permittee shall comply with the emission limits in Table 3 of 40 CFR 63 Subpart JJ by calculating the average VHAP content for all finishing materials used at the facility using Equation 1 of §63.804(d)(1), and maintain a value of E no greater than 0.8.

SECTION I - COMPLIANCE SCHEDULE

NA